METHOD AND SYSTEM FOR INVENTORY MANAGEMENT

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ABSTRACT OF THE DISCLOSURE

An inventory management system and method that is capable of generating lists of interchangeable parts. The system includes a database for indicating functional relationships between parts and a search engine for

10 searching the database to identify groups of functionally interchangeable parts. The database includes a first table identifying the parts and a second table indicating the functional relationships between the parts. The search engine recursively searches the first and second tables to dynamically generate the lists of interchangeable parts. This permits a user to quickly determine what parts are

15 available in inventory for manufacturing tasks, and promotes more efficient utilization of inventoried parts.